

JANCSÓ, H. 1951

(Pharm. Inst., U. of Szeged)

"Blockade of the Reticuloendotheial System and the Renal Tubules."

Acta Physiol (Budapest), 1951, 2/1 suppl (3-4)
Abst: Exc. Med. 11, Vol. 5, No. 11, p. 1270

JANCSO, M.; GABOR, A.J.; LAKOS, A.; DRASKOCZY.

Storage of natural and synthetic macromolecular polymers in the
tissues. Acta physiol. hung. 4 Suppl:30-31 1953. (CIML 25:1)

1. Of the Institute of Pharmacology of Szeged University.

JANCZO, MIKLOS

Speicherung, Stoffanreicherung im Retikuloendothel und in der Niere.

Budapest, Hungary. Akademiai Kiado, 1955. 468 p.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
uncl.

JANCSE, Miklos, dr.

The role of neural mechanisms in inflammation. Orv. hetil. 106
no. 7:289-296 14 F '65

1. Szegedi Orvostudomanyi Egyetem, Gyogyászatban Intézet.

JANCSO, N.;JANCSO-GABOR, A.

Cellular partition and storage mechanism of Bayer 205 (germanin) in
the tissues. Acta physiol. hung. 3 no.3-4:537-554 1952. (CMLL 24:5)

1. Of the Institute of Pharmacology of Szeged University.

JANCSÓ, N.; JANCSÓ GÁBOR, A.

Visualization of tissue immune reactions. Acta physiol. hung. 3 no.3-4:
555-562 1952.
(CIML 24:5)

1. Of the Institute of Pharmacology of Szeged University.

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JANCSO, N.

Storage of proteins and vinylpolymers in histiocytes and in
the renal epithelium. Acta med.hung. 7 no.1-2:173-210 1955.

1. Institute of Pharmacology, University Medical School, Szeged.
(VINYL COMPOUNDS, metabolism,
polyvinyl cpds., storage in histiocytes & renal epi-
thelium)
(PROTEINS, metabolism,
histiocytes & kidney epithelium, storage)
(KIDNEYS, metabolism,
polyvinyl cpds. & proteins, storage in epithelium)
(RETICULOENDOTHELIAL SYSTEM,
histiocytes, storage of polyvinyl cpds. & proteins)

JANCSO, N.

Pharmacological analysis of the function and receptor structure of the pain-sensitive nerve endings. Acta physiol. hung. 11(Suppl):11-14 1957.

1. Pharmakologisches Institut der Medizinischen Universität, Szeged

(NERVE ENDINGS

funct. & receptor structure of pain-sensitive nerve
endings, pharmacol. analysis (Ger))

PORSZASZ, J.; JANCSO, N.

Studies on the action potentials of sensory nerves in animals
desensitized with capsaicin. Acta physiol.hung. 16 no.4:
299-305 '59.

1. Institute of Physiology, and Institute of Pharmacology.
Medical University, Szeged.
(PERIPHERAL NERVES pharmacol.)
(CAPISCUM pharmacol.)

JANCSO, N.; JANCSO-GABOR, Aurelia; TAKATS, I.

Pain and inflammation induced by nicotine, acetylcholine and structurally related compounds and their prevention by desensitizing agents. Acta physiol. hung. 19 no.1-4:113-132 '61.

1. Institute of Pharmacology, Medical University, Szeged.
(PAIN exper.) (INFLAMMATION exper.)
(NICOTINE toxicol.) (ACETYLCHOLINE toxicol.)

REMINICZKY, Karoly; KISS, Arpad, dr.; PESTA, Laszlo, dr.; MORIK, Jozsef, dr.; KPOS, Vilmos, dr.; SZABO, Lajos, dr.; BIRO, Zsigmond, dr.; GULACSY, Bela (Budapest); ROMAN, Istvan; GAJZAGO, Laszlo; NAGY, Imre; PINTER, Antal; VADASZ, Elemer, dr.; KONCZ, Istvan, dr.; PUTNCKI, Janos; JANCSO, T.; BAKAY, T.; MORY, B., dr.; VERES, L.; KASZO, L.; OSZTROVSZKI, Gyorgy, dr.

The first Hungarian aerosol conference. Epuletgepestet 14 no.1:
29-31 F '65.

1. President, National Committee on Technical Development, Budapest (for Kiss).
2. Deputy Chairman, Budapest City Executive Committee (for Pesta).
3. National Institute of Public Health, Budapest (for Morik).
4. Public Health and Medical Clinic for Contagious Diseases, Budapest (for Kapos).
5. Public Health and Medical Clinic for Contagious Diseases, Pecs (for Szabo).
6. Public Health and Medical Clinic for Contagious Diseases, Miskolc (for Biro).
7. Kelenfold Heat Power Plant Enterprise, Budapest (for Roman).
8. National Meteorological Institute, Budapest (for Gajzago).
9. National Power Economy Authority, Budapest (for Pinter and Vadasz).
10. Research Institute of Heat Engineering, Budapest (for Koncz).
11. Research Institute of Heavy Chemical Industry (for Mory).
12. Fuel Trade Enterprise, Budapest (for Kaszo).
13. Deputy President, National Committee on Technical Development, Budapest (for Osztrowszki).

DOMBRADI, Geza; KRIZSA, Ferenc; JANCZO, Tamas

Effect of extracts from the posterior lobe on water reabsorption
by the small intestine. Kiserletes Orvostudomany 12 no.1:5-9
F '60.

1. Szegedi Orvostudomanyi Egyetem Mellek Intezete.
(PITUITARY GLAND POSTERIOR extracts)
(INTESTINE SMALL physiol)
(WATER metab.)

DOMBRADI, G.A.; KRIZSA, F.; JANCSO, T.; OBAL, F.

Analysis of intestinal absorption changes caused by posterior pituitary extracts in animals after the preliminary treatment with cortical hormones. Acta physiol.hung. 18 no.3:203-209 '60.

1. Physiologisches Institut der Medizinischen Universitat, Szeged.
(PITUITARY GLAND POSTERIOR hormones)
(ADRENAL CORTEX HORMONES pharmacol)
(INTESTINES physiol)
(WATER metab)

L43687-46

ACC NR: AT6032343

SOURCE CODE: HU/2505/65/027/001/0007/0019

AUTHOR: Jancso, Tamas; Madarasz, Istvan; Obal, Ferenc25
B1ORG: Institute of Physiology, Medical University of Szeged, Szeged (Szegedi Orvostudomanyi Egyetem, Elettani Intezet)TITLE: Use of thermistors in studies of blood flow in the tissues

22

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 1, 1965, 7-19TOPIC TAGS: thermistor, blood circulation, cerebrum

ABSTRACT: On the basis of model and animal experiments, the most important physical and biological parameters have been discussed which determine the reproducibility of cerebral blood flow measurements with thermistors. Using the Gibbs principle, a difference-circuit thermistor blood flow recording method has been developed by means of which so-called "net" flow curves can be obtained which are not influenced by changes in the temperature of the animal and of the environment. The biological (physiological) conditions of the use of the method in animal experiments have been outlined.
Orig. art. has: 8 figures. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06, 09 / SUBM DATE: 03Mar64 / ORIG REF: 002 / OTH REF: 009

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JANCSÓ, Tibor, okleveles vegyeszmernök; LAKLIA, Tibor, okleveles vegyeszmernök; PETO, Edit, dr., okleveles kozgazdast; SCHILL, Ottmar, okleveles gépész mérnök; SIPOTZ, István, dr., okleveles kozgazdasz; TURKOVICS, György, okleveles bányamérnök

General economic aspects of transporting crude oils, oil products and natural gas through pipelines. Bány lap. 97 no.9:626-634 S '64.

1. Petroleum and Gas Industry Planning Enterprise, Budapest.

JANCSÓ, H.;JANCSÓ-GÁBOR, A.

Cellular partition and storage mechanism of Bayer 205 (germanin) in
the tissues. Acta physiol. hung. 3 no.3-4:537-554 1952. (CLML 24:5)

1. Of the Institute of Pharmacology of Szeged University.

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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619420017-1"

JANCSÓ, N.; JANCSÓ-GABOR, Aurelia; TAKÁTS, I.

Pain and inflammation induced by nicotine, acetylcholine and structurally related compounds and their prevention by desensitizing agents. Acta physiol. hung. 19 no.1-4:113-132 '61.

1. Institute of Pharmacology, Medical University, Szeged.
(PAIN exper.) (INFLAMMATION exper.)
(NICOTINE toxicol.) (ACETYLCHOLINE toxicol.)

ASBOTH, Tibor; JANCOSOK, Ferenc; SEMEGI, Ferenc

Expressing the interoperational time through the regressive analysis of the correlation between the inter-operational time and certain factors of technological specifications. Gépgyártásélelm 4 no. 3:109-116 Mr '64.

1. Department of Industrial Economics, Budapest University of Technical Sciences (for Jancosok).

7
8

C. Studies in the muscarine series V. Synthesis of some quaternary bases related to breotoxin. N. J. Arnett, L. H. Bailey, and S. Ghosez (U.S. Army, Zurich, Switzerland). *J. Am. Chem. Soc.*, 77, 1012 (1955); *J. Org. Chem.*, 20, 902 (1955), and *Analyst*, 79, 153 (1954).

1.5 g. $\text{Me}_2\text{N}(\text{CH}(\text{CO},\text{Me})\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CO},\text{Me}$ in 30

ml. Et_2O was added gradually with stirring to 1 g. LiAlH_4 in 20 ml. Et_2O during 1 hr. at $0^\circ\text{--}2^\circ$, kept 6 hrs. at room temp., 20 ml. H_2O and Et_2O added, the mixt. extd. 20 hrs. with Et_2O in an extractor and the Et_2O dried and evapd. to yield 0.7 g. $\text{Me}_2\text{N}(\text{CH}(\text{OH}),\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CO},\text{Me}$

D₂O, 85.95%; methiodide, m. 103-1° (from 5:1 EtOH - Et_2O). Reduction of 10 g. $\text{Me}_2\text{N}(\text{CHMe}_2\text{CH}_2\text{CO},\text{CH}_2\text{CH}_2\text{CH}_3)$

with 3.3 g. Na in 300 ml. H_2O gave 7 g. $\text{Me}_2\text{N}(\text{CHMe}_2\text{CH}_2\text{CH}(\text{OH}),\text{CH}_2\text{CH}_2\text{CH}_3$, b.p. 100-102°; methiodide, m.

282° (from abs. EtOH). A soln. of 10 g. $\text{Me}_2\text{N}(\text{CH}_2\text{CH}_2\text{CH}(\text{OH}),\text{CO},\text{CH}_2\text{CH}_3$ in 30 ml. EtOH was reduced in the pres-

ence of Raney catalyst (from 10 g. Al-N alloy with 40% Ni) at 160° and 170 atm. during 3 hrs., the catalyst filtered off, the filtrate evapd., the residue extd. with Me_2CO and the Me_2CO evapd. to leave 6.5 g. crude $\text{Me}_2\text{N}(\text{CH}_2\text{CH}_2\text{CH}(\text{OH}),\text{CH}(\text{OH}))$.

CH_2CH_2 , b.p. 90-100°; methiodide, m. 200° (from abs.

EtOH).

E. Ghosez

JANCULEV, J.; JANCEVSKA, M.

Condensation products of γ -acetylpyridine with oxalester. Bul se
Jug 6 no.1:1 Mr '61. (EEAI 10:9/10)

1. Chemisches Institut der Naturwissenschaft, "mathemat. Fakultet,
Skopje, Mazedonien.

(Pyridine) (Acetyl group) (Oxalester)
(Condensation products(Chemistry))

JANCULEV, J.; PODOLESOV, B.

Condensation products of α - and β -acetylpyridine with
oxalester. Glas Hem dr 27 no.7/8:415-419 '62

1. Faculty of Science, Chemical Institute, Skopje.

JANCZAK, J.

Changes in planning for 1958.

p. 4 (Rocznik Spoldzielca) Vol. 9, No. 41, Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

JANCZAK, Zbigniew

On a rare variety of recurrent chronic ulcerative and necrotic aphthae
of the oral cavity (periadenitis mucosa necrotica recurrens). Przegl.
derm. 49 no.1:9-18 '62.

1. Z Zakladu Stomatologii Zachowawczej AM w Lodzi Kierownik: prof. dr
M. Fuchs.

(STOMATITIS case reports)

JANCZAKOWSKI, Włodzimierz; SIEKOWSKI, Eugeniusz

Management of acute pancreatitis. Pol. przegl. chir. 36 no.12:
1405-1410 D '64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Gdańsku
(Kierownik: prof. dr. K. Debicki).

JANCZARSKI, I.; TRZEBSKI, A.; BENTYN, K.

On the presence in brain extracts of choline esters acting upon
the myometrium. Acta physiol.polon. 11 no.5/6:732-733 '60.

1. Z Pracowni Fixjonatologii Narzadu Rodnego Instytutu Matki i
Dziecka w Warszawie, Kierownik Dzialu Matki: prof.dr J.Lesinski
Dyrektor Instytutu: prof.dr F.Groer.

(CHOLINE pharmacol)

(BRAIN extracts)

(UTERUS pharmacol)

WIERZCHOWSKI, P.; JANCZARSKI, I.

Physiological problem of peptiduria. Acta physiol.polon.11
no.5/6:915-916 '60.

1. Z Zakladu Chemii Ogolnej A.M. w Warszawie, Kierownik: prof.dr.
P.Wierzchowski.
(PEPTIDES urine)

WIERZCHOWSKI, P.; JANCZARSKI, I.; KRUZE, D.

The method of combined column-paper chromatography applied to the
determination of amino acids. Acta biochim. pol. 9 no.4:343-349 '62.

1. Department of General Chemistry, Medical School, Warszawa.
(AMINO ACIDS) (CHROMATOGRAPHY)

TRZEBSKI, A.; CHOROSZEWSKA, A.; JANCZARSKI, I.; BENTKIN, K.

Studies on the oxytocic activity and chemical composition of secretions from the rat uterine mucosa after the administration of estrogens. Acta physiol. polon. 13 no.5:577-590 '62.

1. Z Pracowni Fizjopatologii Narzadu Rodnego Kierownik: doc. dr A. Trzebski Z Kliniki Poloznictwa i Chorob Kobiecyh Kierownik: prof. dr J. Lesinski Z Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr B. Gornicki.
(UTERUS) (OXYTOCICS) (ESTROGENS)

ROSZKOWSKI, Ireneusz; HINTZ, Regina; JANCZEWSKA, Elzbieta

Glycemic curve disorders in pregnancy and puerperium. Polski tygod.
lek. 15 no.50:1931-1932 12 D '60.

1. Z II Kliniki Polonictwa i Chorob Kobiecych A.M. w Warszawie;
kierownik: prof. dr med. E.Kodejszko.

(BLOOD SUGAR)
(PREGNANCY blood)
(PUERPERIUM blood)

ROSZKOWSKI, Ireneusz; JANCZEWSKA, Elzbieta

Diabetes and prediabetic conditions in pregnancy. Ginek. Pol.
35 no.3:379-386 My-Je '64

1. Z II Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. I. Roszkowski).

LITWIN, J.; JANCZEWSKA, H.

Inhibiting effects of asphyxia on hypotensive effects of acetylcholine
in cats. Acta physiol. polon. 10 no.3:297-311. May-June 59.

1. Z Zakladu Fizjologii Czlowieka A. M. w Warszawie Kierownik: prof.
dr F. Czubalski.

(ACETYLCHOLINE, pharmacol.) (BLOOD PRESSURE, pharmacol.)
(ASPHYXIA, exper.)

PARYNOWA-KOBUSZEWSKA, Maria; JANCZEWSKI, Antoni; LAPINSKI, Zdzislaw;
SZEZEPANSKI, Czeslaw.

So-called pseudoleukemia (*pseudoleukaemia gastrointestinalis*).
Polski tygod.lek. 10 no.44:1443-1451 31 Oct 55.

1. Z Zakladu Anatomii Patologicznej A.M. w Warszawie; kierownik: prof.
dr. L.Paszkiewicz; z Zakladu Radiologii Lekarskiej A.M. w Warszawie;
kierownik: prof. dr. W.Zawadowski; z I Kliniki Chirurgicznej A.M. w
Warszawie; kierownik: prof. T.Butkiewicz, z II Kliniki Chorob Wewne-
trznych A.M. w Warszawie; kierownik: prof. dr.N.Semerau-Siemianowski.
Warszawa, ul. Nobla 27 m.6.

(GASTROINTESTINAL SYSTEM, neoplasma,

pseudoleukemia)

(HODGKIN'S DISEASE,

pseudoleukemia, gastrintestinal)

JANCZEWSKI, E.

"Foam and gas concretes." p. 334. (MATERIAŁY BUDOWLANE, Vol. 3, no. 12, Dec. 1953,
Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

JANCZEWSKI, E.

"Increasing the Durability of Porous Concrete Elements." Bulletyn. p. 35A
(Inzyniera I Budownictwo, Vol. 10, No. 12, Dec. 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June,
1954, uncl.

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JANCZEWSKI, E.

"Influence of curing on the resistance of foam concrete," Materiały budowlane,
Warszawa, Vol 9, No 1, Jan. 1954, p. 6.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

JANCZEWSKI, E.

"Proper Choice of Gravel and Ingredients for Foam Concrete." Biuletyn, p. 5A
"Report Concerning Research on a New Type of Steel Truss." Biuletyn, p. 6A
(Inżyniera I Budownictwo, Vol. 11, No. 2, Feb. 1954, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June,
1954, uncl.

Poland/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36383

Abstract: depth of the hypocenter, t_1 the instant of the arrival of the wave at the individual stations, and t_0 the instant of the occurrence of the earthquake, v_p and v_s are the speed of propagation of the wave (depending on whether the longitudinal or the transverse waves are taken into consideration). In this manner, 5 unknowns are involved in the Schmerwitz method. In the Kaloyan method one employs a difference of the arrival of the longitudinal and transverse waves.

$$F_i = \frac{1}{k} \sqrt{(x_i - x_0)^2 + (y_i - y_0)^2 + z_0^2} - T_i = 0 \quad (2)$$

$$i = 1, 2, \dots m$$

(where $k = \frac{v_p v_s g}{v_p^2 - v_s^2}$, $T_i = S - P$) and here only 4 unknowns are involved. Rearranging $x_0 = (x_0) + x$, $y_0 = (y_0) + y$, $z_0 = (z_0) + z$, $v = (v) + \gamma$, $t_0 = (t_0) + \tau$, $k = (k) + \chi$.

and expanding (1) and (2) in a Taylor series, the author obtained $(n + m)$ equations of the first type, and m equations of the second

Card 2/3

JANCZEWSKI, Grzegorz

Tracheotomy in the past and at present. Otolaryng. Pol. 18
no.3:415-419 '64.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. J. Szymanski).

OSWALDO-RUSINOWA, Aldona; JANCZEWSKI, Grzegorz; KUS, Jan

Hearing disorders in chronic brucellosis. Przegl. epidemicz.
19 no.1:49-55 '65

1. z II Kliniki Chorob Zakaznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. B. Kassur) i z Kliniki Otolaryngologii Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. J. Szymanski).

JANCZEWSKI, H., mgr., inz.

Opening of a course on nuclear technology in Danzig. Bud okretowa
Warszawa 6 no.8:246 '61.

l. Ministerstwo Zeglugi, Warszawa, redaktor współpracujacy miesiecznika
"Budownictwo Okretowa".

(Poland--Atomic energy)

JANCZEWSKI, H., mgr.inz.

Conclusion of the training course in nuclear technology.
Bud okretowe Warszawa 7 no.6:199 Je '62.

Janczewski H.

Janczewski H., Eng. "The Western Sector of the East-West Thoroughfare." (Zachodni odcinek Trasy W-Z, Mariensztat-Mlynarski). Inżynieria i Budownictwo, No. 6, 1949. pp/ 353-355.

Some data concerning the completion of the most important parts of the project. Preparation of work diagram (graphic time schedule), and checking. Organizational division of labour. Labour emulation and work mechanization. Amount of work done. The article contains a great deal of information concerning such an unusual undertaking as the East-West Thoroughfare..

SO: Polish Technical Abstracts - No. 2, 1951

JANCZEWSKI, L.

JANCZEWSKI, L. City plant life and public utility underground installations.
p. 468. Vol. 30, no. 12, Dec. 1956. GAZ, GŁOŚNA I TECHNIKA SPŁITARNA.
Warszawa, Poland.

SOURCE: East European Acquisitions List (EEAL), Vol. 1, No. 4-5; April 1957

JANCZEWSKI, H.

Water-supply and sewage-disposal installations in Leipzig. p. 212.

GAZ, WODA I TECHNIKA SANITARNA. (Stowarzyszenie Naukowo-Techniczne
Inżynierów i Techników Sanitarnych, Ogrzewnictwa i Gazownictwa)
Warszawa, Poland. Vol. 32, no. 6, June 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

JANCZEWSKI, Henryk, mgr.inz.

The ship-lifting works in Niederfinow, Germany. Przegl techn
no.13:7 Ap '62.

JANCZEWSKI, H., mgr inż.

Role and tasks of scientific information in the scope of
navigation administration. Tech gosp morska 12 no.12:
353-354 D '62.

1. Ministerstwo Zeglugi, Warszawa.

JANCZWSKI, Henryk, mgr., inz.

Training of the technical staff as a basic direction of the activities
of the Polish Association of Sanitary Engineers and Technicians in 1962.
Gaz woda techn sanit 36 no. 4:122-125. Ap '62

1. Prezes Polskiego Zrzeszenia Inżynierów i Techników Sanitarnych.

JANOWSKI, Henryk, mgr inz.

Underground or surface waters? Gaz woda techn sanit 37 no.4/5:
14.0-142 Ap-My '63.

JANCZEWSKI, Henryk, mgr inz.

Problems of the city of Wroclaw engineering. Gas woda tekan gaski
37 no.12:402-404 D '63.

JANCZEWSKI, H., mgr inz.

Social utilization of technical monuments. Bud okretowe
Warszawa 9 no.4:4 of cover '64.

JANCZEWSKI, Hieronim, mgr inz.; SYLWESTROWICZ, Janusz, mgr

Cooperation in the exchange of information data among various industrial
information centers. Bud okretowe Warszawa 8 no.4:138-139 Ap '63.

1. Ministerstwo Zeglugi, Warszawa (for Janczewski). 2. Centralne
Biuro Konstrukcji Okretowych nr 1., Gdansk (for Sylwestrowicz).

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JANCZINSKI, M., mgr inz.

Technological progress in navigation. Bud okretowe Warszawa
9 no.1:29 Ja '64.

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JANCZEWSKI, Hieronim; ZIELINSKI, Jan (Warszawa)

A plan of technological development set up by the
administration of shipping for 1964. Tech gosp morska 14
no.1:2-3 Ja'64.

Studies on the elements of symmetry of polynuclear hydrocarbons. II. The equivalence of amphi positions in the naphthalene molecule. III. The equivalence of "Pois" positions in the naphthalene molecule. IV. The equivalence of positions 1 and 4 in the naphthalene molecule. Marian Januszewski and Jerzy Szwarc, *Jawor, Poland*. *Received 28 Sept. 1947*. *Chem. Ztg.* 71, 145-150; *J. Polym. Sci.* 1, 107-110 (1947).

decomp. = CHCl₃ + H₂O; dipropionic salt, m. 106–107° (decomp.), [α]_D²⁵ = +39.0° (30% salt); diacetate salt, m. 107–108° (decomp.), [α]_D²⁵ = +9.1° (salt + CHCl₃ + H₂O); d-IV in 180° (violent decompr., 2–4 hr. m. 204–205° (decomp.), [α]_D²⁵ = +21.3° (1% KOH) (dihydropyridine salt, m. 179° (decomp.), [α]_D²⁵ = +70.3° (90% salt), m. 179°, [α]_D²⁵ = +21.1° (1% KOH) (hexaurethane salt, m. 185–185.5° (decomp., [α]_D²⁵ = +17.5° (90% salt), m. 210° (N,N-dialkylsuccinimide salt) obtained by oxidation of II (30% H₂O₂) in boiling *ac*-AcOH, m. 191° (decomp., quid heating) from 20% air, m. 202–202.5°. *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VII) obtained by reduction of 3,5-naphthalenediimidofuran-2-sulfide, m. 130–131° with LiAlD₄ and condensation with 2-bromo-*n*-propanoic acid, m. 123–124°. Methylsulfide salt, m. 126–128°, [α]_D²⁵ = +11.1° (MeOH). d-VIII, 194–195°, d-IV in 11% (2%) air, m. 194–195°, dipropionic salt, m. 106–107° (decomp.), [α]_D²⁵ = +19.1° (MeOH). d-VII, 119–121°, [α]_D²⁵ = +28.5° (decomp., 1% NaOH). d-VIII, 119–121°, [α]_D²⁵ = +28.5° (decomp., 1% NaOH). 3,5-Naphthalenediimidofuran-2-sulfone, m. 130–131° (decomp.), [α]_D²⁵ = +9.0° (salt), m. 137°. *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VII) obtained by reduction of II (30% H₂O₂) in glacial AcOH, m. 149–151°, *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VIII), m. 202–204°, obtained by reduction of V with 10% NaBH₄ in benzene. The conversion of VII to VIII was carried out in three steps: 1) Quinone formation (benzylbenzoquinone), m. 170–172°, [α]_D²⁵ = +10.0° (CHCl₃, 1% NaBH₄), 2) reduction of the quinone to the N-alkyl intermediate (benzylbenzoquinone diimide), m. 184–185° (CHCl₃, 1% NaBH₄), 3) condensation of VII or VIII with 2-bromo-*n*-propanoic acid in AcOH, m. 234° (decomp.), d-IV in 212–214° (decomp.), d-VI in 222° (1% KOH). Methylsulfide salt, m. 190–192°, [α]_D²⁵ = +17.0° (CHCl₃, 1% KOH). Methylbenzyl(2-methoxy-*n*-propyl)amine (VIII), m. 212–213° (decomp.) (1% NaBH₄), m. 210° (1% KOH), m-IV in 212–213° (decomp.) (1% NaBH₄). *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VII) obtained by condensation of VII with 2-bromo-*n*-propanoic acid in glacial AcOH, m. 234° (decomp.). d-VII, m. 212–214° (decomp.), d-VIII, m. 210° (1% KOH). *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VIII) obtained by condensation of VIII with 2-bromo-*n*-propanoic acid in glacial AcOH, m. 234° (decomp.). d-VIII, m. 212–214° (decomp.), d-VII, m. 210° (1% KOH). *N*-Methylbenzyl(2-methoxy-*n*-propyl)amine (VII) obtained by condensation of VII with 2-bromo-*n*-propanoic acid in glacial AcOH, m. 234° (decomp.). d-VII, m. 212–214° (decomp.), d-VIII, m. 210° (1% KOH).

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JANCZEWSKI, M.

Chemical Abstracts
May 25, 1954
Organic Chemistry

(S)
Preparation of 1,4-naphthalenedisulfonic and 1,4-naphthalenedisulfone acids. M. Janczewski and J. Suszki (1953). The prep. of 1,4-Cu₂Hg(SO₄)₂ (I) for a modification of the Gatterman method is described. 1,4-Cu₂Hg(SO₄)₂ (II) is prep. as follows: To 100 g. Zn salt of I suspended in a small amt. of Et₂Cl is slowly added 150 g. PCl₅, the mixt. heated until the salts are dissolved, the soln. allowed to stand 12 hrs., the solvent distilled in vacuo and the ppt. sepd. and washed with H₂O to give a cryst. colorless chloride; recryst. from glacial AcOH with a small amt. of bone C gives clear prismatic crystals (III), m. 102°; to 15.6 g. Zn dust suspended in 45.9 cc. 96% EtOH, and 6.3 cc. distd. H₂O is added 12.5 g. III, very slowly with energetic stirring so that the temp. does not exceed above 40°, and after the reaction is completed, the mixt. is heated 1 hr. on a water bath with vigorous stirring, the ppt. sepd., washed several times with 66% EtOH, suspended in 90 cc. distd. H₂O, the mixt. heated to 70°, treated with 15.6 g. Na₂CO₃ in 65 cc. hot H₂O, heated 25 min., cooled, filtered, and the filtrate decolorized with C, treated to tetra, and acidified with warm, dil. HCl; on cooling, II sepd. quickly in the form of elongated rods. II is unstable and quickly turns yellow in air; it dissolves easily in pyridine, 90% EtOH, and MeOH, and m. 136-7° (decomp.).

Franz Gausel

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Acet

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GRUCZEWSKI, B.N.

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3064

617.143.4 : 073.1.03u.18 : 617012

Janczewski M. Preliminary Tests for Improving and Preparing Abutilon Avicinna Fibres. *MT*

„Wstępne próby dalszych badań i przerobu włókien ziołowych”. (Prace Inst. Przem. Włók. No. 3), Warszawa, 1954, WPIELIS, 9 pp., 7 tab.

On the basis of results of preliminary scientific experiments, concerning Abutilon Avicinna fibres, the influence of chemical improvement on the physical properties, chemical composition and spinning value of the fibres are discussed. Guiding principles are laid down as to the technology of preparing the spinning material, due consideration being given to the technical possibilities of industry, the possibility of preparing raw material in the form of scoured fibres on site and so considered. The results obtained confirm the correctness of the assumption that the Abutilon Avicinna fibres, obtained by biological preparation

of stems, become a satisfactory spinning raw material only after chemical improvement, and can be qualified primarily for the production of sheet binding cords and plain packing.

*Reactions of methylenediglycine (MDG) with 2-bromo-
acetophenone, 2,4-dinitrophenylhydrazine, and 2,4-dinitrophenylhydrazine
with 2,4-dinitrophenylhydrazine, 2,4-dinitrophenylhydrazine, and
p-benzoquinone form the corresponding
complex substituted derivatives. λ_{max} and ν_{max} determined
as given. λ_{max} (nm) 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1739, 1740, 1741, 1742, 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1894, 1895, 1896, 1897, 1898, 1899, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2*

JANCZEWSKI, M.; PRAJER, L.

FROM studies on the synthesis and properties of naphthol disulfonic acids. The reactions of substituting halogens for sulfonic groups, p. 631. (ROZENKI CHEMII, Warsawa, Vol. 23, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EHAL), LC, Vol. 4, No. 6, Jun. 1955,
Uncl.

JANZEWICZ, MARION

The following names and numbers of 20 April 1944 duplicate letters
are listed below. The numbers are the same as those used
in the original letter. The letters are numbered sequentially.
Following the listing the numbers are repeated in parentheses
in sequential order. The letters are numbered sequentially.
The 71st letter is the first letter in the sequence. The 72nd letter
is the 2nd letter in the sequence. The 73rd letter is the 3rd letter
etc. etc. etc.

JANCZLINSKI, M.; SUSZKO, J.

"Studies on the elements of symmetry of polynuclear hydrocarbons. II. The equivalence of 'amphi' positions in the naphthalene molecule. III. The equivalence of 'pros' positions in the naphthalene molecule. IV. The equivalence of positions 1 and 4 in the naphthalene molecule. In English."

p. 5 (Bulletin. Serie B: Sciences Mathematiques Et Naturelles.)
No. 13, 1954/55 (published 1956)
Poznan, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

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Distr: 4E3d

Synthesis and properties of naphthalene-1,3-disulfonic acids.
v. Naphthalene-1,3-disulfonic acid and its derivatives.
 Marian Janczewski and Wieslawa Nowakowska (Univ. Lublin, Poland). Ann. Univ. Mariae Curie-Sklodowska, Lublin, Polonia, Sect. AA 11, 109-29 (1958) (Pub. 1958) (German and Russian summaries); cf. CA 52, 5366f.—
 Naphthalene-1,3-disulfonic acid (I) was obtained from naphthalene-1,3-disulfonyl chloride (II), prep'd. from 2-naphthylamine-6,8-disulfonic acid (III). III (33 g.) was dissolved in 50 ml. hot H₂O, mixed with 60 ml. 2N Na₂CO₃, cooled to 0-5°, to the mixt. added with vigorous stirring 15 ml. 30% HCl dilld. with 7.5 ml. H₂O (and 7.5 ml. dilld. with 7.5 ml.) and 7 g. NaNO₃ in 20 ml. H₂O, 200 ml. satd. aq. NaCl added after 30 min., the ppt. filtered off, washed with 15% NaCl and 96% EtOH, added to 300 ml. 96% EtOH with 30 ml. H₂O, after addn. of 1 g. active Cu to the mixt. heated on a water bath, put aside, boiled 40-50 min., and neutralized with aq. Na₂CO₃ to afford after a few hrs. standing a ppt., which crystd., washed with H₂O and EtOH, and dried gave naphthalene-1,3-disulfonic acid Na salt (IV). IV (100 g.) treated with 160 g. PCl₃ 4-5 hrs., the POCl₃ distd., and the dry residue washed with water and ice gave II, which, chromatographed in C₆H₆ soln. on Brockmann Al₂O₃, crystd. from C₆H₆ and AcOH, chromatographed, and crystd. from C₆H₆, m. 137.5°. II (10 g.) added to hot aq. Na₂SO₄-7H₂O in 150 ml. H₂O with 20 ml. 5% NaOH, the mixt. boiled, dilld. with 25 ml. H₂O, boiled, dilld. with 50 ml. H₂O, cooled to 18°, treated with active C, acidified with 163 ml. H₂SO₄ (dill. 2:3), the ppt. filtered off, washed with H₂O, suspended in 150 ml. H₂O, neutralized with solid NaHCO₃, treated with active C, acidified with 15 ml. 30% HCl, and crystd. twice from hot H₂O afforded I, yellowing in light, m. 139°; benzylisothiourea salt m. 201° (dil. EtOH); benzyl and 2,4-dinitrophenylsulfones m. 190° (EtOH) and 249-50° (EtOH-pyridine mixt.), resp. (Ullmann and Pasdermadjian, Ber. 34, 1150 (1901)). I (2.56 g.) dissolved in 50 ml.

boiling 96% EtOH, the soln. cooled to 10°, treated with 2.12 g. β -benzoquinone, the mixt. heated 6 min., passed through 3 cm. column with Brockmann Al₂O₃, and the soln. and the eluate after washing the column with 96% EtOH heptd. and poured into 400 ml. hot H₂O gave an orange ppt., which dissolved in EtOH and purified as above afforded 1,3-bis(2,5-dihydroxyphenylsulfonyl)naphthalene (V), m. 241-3°. V with Me₂SO₄, with Ac₂O in the presence of concd. H₂SO₄ or by Schotten-Baumann method gave, resp., 1,3-bis(2,5-dimethoxyphenylsulfonyl)naphthalene, m. 283° (CHCl₃), ptd. with EtOH), 1,3-bis(2,5-diacetoxymethylsulfonyl)-naphthalene, m. 212° (CHCl₃, ptd. with EtOAc), and 1,3-bis(2,5-dibenzoyloxyphenylsulfonyl)naphthalene, m. 135° (CHCl₃ or from EtOAc-pyridine mixt.). V (1 g.) in 40 ml. dry Et₂O was shaken 7 hrs. with 1.12 g. fresh Ag₂O and 4 g. anhyd. Na₂SO₄, the ppt. filtered off, and heated with 20 ml. dry CHCl₃ until 8 ml. soln. remained gave on addn. of 2 ml. and 3 ml. Et₂O 1,3-bis(benzoquinonemulfonyl)naphthalene, m. 223-4°. I in aq. MeOH with vinyl cyanide gave 1,3-bis(β -cyanoethylsulfonyl)naphthalene, m. 103-9° (MeOH), which hydrolyzed with dil. HCl to naphthalene-1,3-bis(sulfonyl- β -propanoic acid), m. 217°, identical with that prep'd. from I with aq. Na- β -chloropropionate. I with benzylideneacetone and α -nitrostyrene gave mixts. of stereoisomers of 1,3-bis(α , α' -acetylphenylethylsulfonyl)naphthalene, m. 136-40°, and of 1,3-bis(α , α' -nitrophenylethylsulfonyl)naphthalene, m. 188-193°. With boiling 40% aq. formaldehyde, I yielded unstable 1,3-bis(hydroxymethylsulfonyl)naphthalene, m. 131°, which saponified gave 1,3-bis(acetoxyethylsulfonyl)naphthalene, m. 123° (AcOEt). I (2 g.) was dissolved in 35 ml. H₂O and neutralized with NaOH in the presence of phenolphthalein, 0.01 g. NaHCO₃, followed by a few crystals iodine added, the soln. heated, poured into 5.14 g. HgCl₂ in 120 ml. H₂O, and the mixt. boiled about 2 hrs. till the end of SO₂ evolution to afford a ppt. of 1,3-bis(chloromercuri)naphthalene, which was

JANCZEWSKI, M.

POLAND / Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57448.

Author : Janczewski M., Nowakowska W.

Inst : Not given.

Title : Investigation of Synthesis and Properties of
Naphthalene-disulfinic Acids. V. Naphthalene-1, 3-
Disulfinic Acid and its Derivatives.

Orig Pub: Roczn. chem., 1957, 31, No 2, 717-720.

Abstract: The following derivatives of naphthalene -1, 3-
-disulfinic acid (I) are described: neutral iso-
benzylthiouranic salt, of 201° melting point (from
dilute alcohol); 1, 3-bis-(benzylsulfonyl)-naphtha-
lene, of 190° melting point; and 1, 3-bis(2', 4'-
-dinitrophenyl-sulfonyl)-naphthalene, of 249-250°
melting point. I reacts readily with n-benzoquin-
one, forming 1, 3-bis(2', 5'-dioxiphenylsulfonyl)-

Card 1/3

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Country : Poland G-2
Category : Organic Chemistry. Synthetic Organic Chemistry
Abs. Jour. : Ref. Zhur.-Khimiya No. 6, 1959 19431
Author : Janczewski, M.; Podkoscielny, W.
Institut. :
Title : On Synthesis and Properties of Acenaphthene-Mercaptoalkane Carboxylic Acids. I.
Orig Pub. : Roczn. chem., 1958, 32, No 3, 684-687

Abstract : By interaction of 3-mercaptop-acenaphthene with corresponding α -halogen-acids in alkaline medium were obtained α -(3-acenaphthenemercapto)-propionic acid, MP 117° (from aqueous alcohol), and α -(3-acenaphthenemercapto)-butyric acid, MP 91° (from aqueous alcohol). Oxidation of mercapto-acids with H₂O₂ in glacial CH₃COOH yielded 3-acenaphthenesulfinyl-acetic acid (I), MP 155° (from dilute alcohol), and 3-acenaphthenesulfonyl-acetic acid, MP 182° (from dilute alcohol). From a solution of salt of I and cinchonidine II, crystallized a salt of (-)-I and II, MP 175° (from acetone), [α]_{20D} - 221° (c 0.4; alcohol), from which was obtained the (-)-I, MP 143° (from acetone or water)

Card: 1/2

/ Synthesis and properties of naphthylenebis(glycolic acids). Marian Janczewski, Bozena Dabrowska, and Bozena Frankiewicz. *Przemysl Chemiczny*, 37, 131-6 (1958).
Di-Et esters of 1,4-, 1,6-, 1,6-, 1,7- and 2,7-naphthylenebis(glycolic acids) were prep'd. in acetone in the presence of dehydrated K_2CO_3 and KI by the reaction of $BrCH_2CO_2Et$ with the corresponding dihydroxynaphthalenes. The cryst. form and the m.p. of the esters obtained were, resp.: needles, 89-90°; leaves, 136°; needles, 71-9°; rods, 62-3°; needles, 120°. They were readily saponified to the corresponding free naphthylenebis(glycolic acids) by heating with an EtOH soln. of KOH (m.p. acid given): 1,4-, 250° (decompn.); 1,6-, 222° (decompn.); 1,6-, 263°; 1,7-, 198°; 2,7-, 224°. Condensation of 1,6- and 1,7-dimercaptonaphthalene with $ClCH_2CO_2Na$ in alk. gave 1,6- and 1,7-naphthylenebis(thioglycolic acid), m. 170-8° and 202-4°, resp. Both dimercaptonaphthalenes necessary for the synthesis of naphthylenebis(thioglycolic acids) were prep'd. by an energetic reduction of the corresponding naphthalenediimidonyl chlorides with Zn and then with $NaHSO_3$. 1,6-Dimercaptonaphthalene could also be prep'd. by reducing 1,6-naphthalene disulphonylchloride with $SnCl_4$ in EtOH and with HCl.

JANCZEWSKI, MARIAN

Distr: 4E3d/4E2c(j)

The reactions of unsaturated sulfides and sulfones with cyclones. Marian Janczewski and Maria Wójcik (Univ. Lublin, Poland). *Kwartal. Chem.* 33, 805 (1970) (German summary). — Phenacyclone reacted easily with phenyl vinyl, ρ -bromophenyl vinyl, and ρ -bromophenyl allyl sulfide, resp., to give 1,4-diphenyl-5-phenylthio (m. 213°-1°), 1,4-diphenyl-5-(ρ -bromophenylthio) (m. 200-4°), and 1,4-diphenyl-5-(ρ -bromophenylthiomethyl)-2,3,9,10'-phthalan-throbicyclo[2.3.1]hept-2-en-7-one (m. 245°). Tetracyclone reacted with phenyl vinyl or butylallyl sulfide to yield 1,2,3,4-tetraphenyl-6-(butylthiomethyl)-bicyclo[2.2.1]hept-2-en-7-one (165-0°), resp.

W Card 1/1

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19/9 (NP)
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JANCZEWSKI, Marian; WOJTAS, Maria; EGIER, Salomea

Studies on the influence of molecular structure upon the optic properties of sulphinyl compounds. VI. Biphenylsulphinylacetic acids. VII. 1,2-bromonaphthylsulphinylacetic acids. Rocznik chemii 35 no.4: 1155-1161 '61.

1. Zaklad Chemii Organicznej, Uniwersytet M. Curie-Sklodowskiej, Lublin.

JANCZEWSKI, M.; BARTNIK, T.

Study on the influence of the molecular structure on the optical properties of sulfinyl compounds. Pt. II. Bul. chim. PAN 10 no. 6
271-273 '62.

1. Laboratoire de Chimie Organique, Universite M. Curie-Sklodowska,
Lublin. Presented by T. Urbanski.

JANCZEWSKI, Marian; MATYJIA, Tadeusz

Research on the synthesis of certain derivatives of fluorene.
Rocznik chemii 36 no.9:1379-1381 '62.

1. Zaklad Chemii Organicznej, Uniwersytet im. M. Curie-Sklodowskiej, Lublin.

JANCZEWSKI, Marian; BARTNIK, Teresa

Optically active camphoric acids and some of their derivatives.
Rocznik chemii 36 no.7/8:1243-1253. '62.

1. Katedra Chemii Organicznej, Uniwersytet im. M. Curie-Sklodowskiej, Lublin.

JANCZEWSKI, Marian; DACKA, Stanislaw; SAK, Janusz

Studies on the influence of the molecular structure on the optical properties of sulfinyl compounds. Pt.9. *Pol. Chemii* 36 no.12: 1751-1766 '63.

1. Katedra Chemii Organicznej, Uniwersytet M.Curie-Sklodowskiej, Lublin.

JANCZEWSKI, M.; WOJTAŚ, M.

Influence of the molecular structure on the optical properties of
sulfinyl compounds. Pt. 19. Bul chim PAN 12 no. 1:25-30 '64.

1. Department of Organic Chemistry, Maria Curie-Skłodowska
University, Lublin. Presented by T.Urbanski.

L 200/4-66 ENP(J) 10M

ACC NR: AP6077174

(N)

AUTHOR: Janczewski, Marian; Podgorski, Mieczyslaw

50

E

ORG: Department of Organic Chemistry, M. Curie-Sklodowska University, Lublin
(Katedra Chemii Organicznej Uniwersytetu M. Curie-Sklodowskiego)TITLE: Investigation of the influence of molecular structure on the optical properties of sulphonyl compounds. XXVII. Synthesis of optically active 3 - phenylanthrylsulphonylacetic acids

SOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1, 1966, 145-147

TOPIC TAGS: molecular structure, optic property, crystallization, organic salt, chemical synthesis

ABSTRACT: The synthesis of racemic 3 phenylanthrylsulphonylacetic acid and some of its derivatives is described. The racemic sulphoxide was separated into its optical antipodes by means of fractional crystallization of a neutral brucine salt. Physical constants of the new compounds are given. (orig. art. in French) [PPS: 35,397]

SUB CODE: 07/ SUBM DATE: 12Aug65/ ORIG REF: 006/ OTH REF: 006

LS
Card 1/1

0917 0716

STRABURZYNSKI, Antoni; JANCZEWSKI, Wieslaw

Meig's syndrome with the presence of bloody fluids in the pericardial sac. Pol. tyg. lek. 17 no.12:445-447 19 Mr '62.

1. Z Oddzialu Chorob Wewnetrznych Szpitala Wojewodzkiego w Zielonej Gorze; ordynator: A. Straburzynski Oddzialu Pol.-Ginek. Szpitala Wojewodzkiego w Zielonej Gorze; ordynator: T. Zgorzalewicz, dyrektor Szpitala; dr Z. Pieniezny.

(OVARIES neopl) (HYDROTHORAX compl)
(PERICARDIUM dis)

JANCZEWSKI, Wieslaw

Partially calcified cyst of the omentum. Wind. lek. 18 no. 38
255-257 1 1 '65

1. Z Oddzialu Polozniczo-Oynologicznego Szpitala Wojewodzkiego
w Zielonej Gorze (Ordynator: dr. T. Zgorzalewics).

SAPER, Jerzy; TETER, Jerzy; JANCZEWSKI, Zygmunt; NADWORNY, Jerzy

Endocrinological similarity between myotonia congenita and
dystrophia myotonica. Preliminary communication. Neur.&c.polska
10 no.6:777-786 '60.

1. Z Kliniki Neurologicznej A.M. w Warszawie p.o. Kierownika:
prof. dr med. I.Hausmanowa-Petrusewicz. Z Poradni Endokrynologicznej
w Warszawie, Kierownik: doc. dr med. J.Teter. Z I Kliniki Polaz-
nictwa i Chorob Kobiecych A.M. w Warszawie, Kierownik: prof. dr
med. T.Bulski.

(MYOTONIA CONGENITAL diag)
(MYOTONIA ATROPHICA diag)

10/10

J. JANCZEWSKI and J. TETER, First Clinic of Gynaecology and Endocrinology,
Medical Academy, "Original research note on Klinefelter's syndrome."

Obesity, bodies of insular type, insulin and glucose tolerance
pattern in Klinefelter's syndrome."

Zeszyt Pol. Archiw. Med. Wet. No 5-6, 1962; p. 335.

Authors: J. SZNAJDERMAN, Histologic studies. The clinical ob-
servation involving irregular accumulation of seminiferous tubules at all
levels of testis, similar to ovary progressing with age, above all
at pubescence beyond age 16, degeneration of germinal cells is evident.
In our patients. The S phase is increased up to 10%, below 2% is considered
normal. Positive cells have XX as the most frequent chromosomal
pattern, due to non-disjunction of sex chromosomes and the aneuploidie
pattern.

1/1

Lipids and lipoproteins in the blood in Klinefelter's syndrome.
Pol. arch. med. wetnet. 32 no.8:981-988 '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr med. D. Aleksandrow z I Kliniki Polonictwa i Chorob Kobiecych AM
w Warszawie Kierownik: prof. dr med. T. Dulski i z Poradni
Endokrynologicznej w Warszawie Kierownik: doc. dr med. J. Teter.
(KLINEFELTER'S SYNDROME) (BLOOD LIPIDS)
(LIPOPROTEINS)

WESOLOWSKI, Tadeusz; TETER, Jerzy; KUZNIK, Zdzislaw;
JANCZEWSKI, Zygmunt

3 cases of extreme masculinization of adrenal origin in
women (with complete sex reversal). Endokr. pol. 14 no.4:
301-315 '63.

1. Klinika Urologiczna A.M. w Warszawie Kierownik: prof. dr
T. Wesolowski Oddzial Endokrynologii (doc. dr J. Teter) I
Kliniki Poloznictwa i Chorob Kobiecych A.M. w Warszawie
Kierownik: prof. dr T. Bulski.
(ADRENOGENITAL SYNDROME) (VIRILISM)

JANCZEWSKI, Zygmunt; BABIAK, Leszek; GMIŁEK, Tadeusz

Clinical and histopathological evaluation of "false" Klinefelter's syndrome. Endokr. Pol. 15 no.2:253-263 Kr-AP '64.

1. I Klinika Polonictwa i Chorob Kobiecych w Warszawie (Kierownik: prof. dr. T. Bulski), Oddział Endokrymologiczny (Kierownik: doc. dr. J. Teter).

JANCZUK, Z.

On reactive keratosis of the mucus membrane of the oral cavity.
Lodz Tow Nauk IV no.29:1-47 '61.
(LEUKOPLAKIA)

FUCHS, Mieczyslaw; JANCZUK, Zbigniew

Studies on clinical use of fluorescence in the diagnosis of the oral mucosa. Polski tygod. lek. 17 no.26:1034-1037 11 Je 1962.

1. Z Zakladu Stomatologii Zachowawczej AM w Lodz; kierownik: prof.
dr Mieczyslaw Fuchs.
(MOUTH dis) (FLUORESCENCE)

CHECINSKI, Tadeusz; JANCUK, Zbigniew

Contribution to the clinical picture of tuberculosis of the oral mucosa with special reference to our case. Pol. tyg. lek. 19 no.11:404-407 9 Mr '64.

1. Z Oddzialu Dermatologicznego Szpitala im. Sonnenberga w Lodzi (ordynator: dr med. T. Checinski) i z Zakladu Stomatologii Zachowawczej Akademii Medycznej w Lodzi (kierownik: prof. dr M. Fuchs).

DASZKIEWICZ, Teresa; JANCZUK, Zbigniew

Granulomatous growths of the gingiva in the light of our own
clinical and microscopic observations. Czas. stomat. 18 no.3:
333-339 Mr '65.

1. Z Zakladu Stomatologii Zachowawczej Akademii Medycznej w
Lodzi (Kierownik: prof. dr. M. Fuchs).

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JANCZUKOWICZ, Paweł, (Gdansk)

Small prefabrication in the construction industry. Przegl budowl
i bud mieszk 34 no.8:452-455 Ag '62.

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CIA-RDP86-00513R000619420017-1"

JANCZUR, JCZEF

Wplyw roznych czynnikow na jakosc brykietow i polkoksu z węgla brunatnego z kopalni A. Katowice, Państwowe Wydawn. Techniczne, 1953. 15 p. (Prace Głównego Instytutu Górnictwa. Seria A i B. Komunikat nr. 137) [Influence of various factors on the quality of brown-coal briquettes and semicoke from summaries. bibl., diagrs.]

East European Vol. 3, No. 3
SO: Monthly List of Received Accessions, Library of Congress, March 1953, Unclassified.

Distr: 4E2c(j)/4E3d

Producing pure acenaphthene. Jan Jurkiewicz, Józef Janezur, and Halina Laskowska (Inst. "Chemit" Piastowice, Węgliniec, Zabrze, Poland). Kołki, Śląskie, Gr. 3, 43-7 (1939) (English summary).—Commercial 95% acenaphthene (1), m. 91-2°, was distd. at about 180° with steam superheated initially to 300°, and crystd. from aq. MeOH of various concns. The 95% MeOH was the best. Pure I, m. 91-92-93.05°, was obtained in 85% yield. J. Stępień.

JANCZUR, J.

Conference of the Section of Processing Derivatives of Coal
of the Association of Engineers and Technicians of the Metallurgical
Industry in the Institute of Chemical Coal Processing. Koks 8
no.2:60 Mr-Ap '63.

WALECKI, H.; WOJCIECHOWSKI, E.; JANCZURA, E.

Investigations on the semisynthetic media for *Hemophilus pertussis* culture. Med.dosw.mikrob. 2 no.2:126-127 1950. (CLML 20:6)

1. Summary of the report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdańsk, Sept. 1949. (Warsaw.)

JANCZURA, E.; JARMOLINSKA, A.; MEIBAUM, W.

Microbiologic determination of tryptophan, leucine, and valine in acid hydrolysates of caseine and in enzymatic hydrolysates of blood. Med. dozaw. mikrob., Warsz. 4 no. 3:304-305 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Warsaw.

JANCZURA, E.

"Total Nitrogen Contents and the Amino-Nitrogen Contents of Bacteriological Culture Media", Experimental Medicine and Microbiology, No. 3, 1954 p. 325.

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CIA-RDP86-00513R000619420017-1"

JANCZURA, Ewa; RYBICKA, Irena; ZALESKA, Helena

Production of diphtheria toxin on semixsynthetic media with casein hydrolysate. Med.dowm.mikrob. 7 no.3:263-276 1955.

1. Z Państwowego Zakładu Higieny w Warszawie.

(DIPHTHERIA,

toxin, prod. on semisynthetic media with casein hydrolysate)

(CULTURE MEDIA

semisynthetic medium with casein hydrolysate for prod. of diphtheria toxin)

(CASEIN,

hydrolysate in semisynthetic medium for prod. of diphtheria toxin)